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ABSTRACT

This monograph presents findings from an analysis of data on international cooperation over a three-year period. Part of a large scale research project to test various theories with regard to their power in analyzing international relations, this monograph reports on the testing of relative status field theory on WEIS conflict data for 1966-1969 for international 'topdogs' in respect to economic development and power (TT actors). WEIS conflict data (World Event Interaction Survey) is an index which was created using the "New York Times" as a data source. Field theory maintains that international relations consists of all the attributes and interactions of nations, can be analytically divided into attributes and behavior, and exhibits dyad formations (interactions between two nations) in matters of behavior. Relative status field theory presents a break with the status field theory approach in that it argues that status relationships ought to be treated in relative terms. Scores on variables including domestic violence, population density, economic development, political stability, and power base were compared for each nation to determine relative status. The method involved assigning a negative or positive parameter weight on each predictive factor (such as economic development) which indicates the kind of behavior engaged in by that nation relative to other states. Nations were then assigned a status--"topdog" (TT actors) in this analysis. Approximately 30 nations were assigned to TT actors status. Findings are based on a significance level of .05 or less. Policy implications of each finding are discussed. (DB)

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ATTRIBUTES AND NATIONAL BEHAVIOR, PART 2: MODERN INTERNATIONAL RELATIONS MONOGRAPH SERIES.

PATTERNS OF COOPERATION: RELATIVE STATUS-FIELD THEORY, TT ACTORS

ED194386

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PART 2 CONSISTS OF 42 MONOGRAPHS OF A LARGE SCALE PROJECT TESTING SEVERAL ATTRIBUTE, ATTRIBUTE DISTANCE BASED THEORIES. EACH RESEARCH MONOGRAPH IS NUMBERED AND GIVEN A SUB-TITLE, LISTED BELOW. EACH FOCUSES UPON SOME ASPECT OF A LARGE SCALE RESEARCH EFFORT CORRELATING NATIONAL ATTRIBUTES TO INTERNATIONAL BEHAVIOR. ALL MONOGRAPHS CAN BE PRINTED FROM TAPE BY COMPUTER.

TAPE SPECS ARE: 9 TRACK, 800 BPI, EBCDIC, 132 CHARACTER RECORDS, 2400 FEET.

NOTE! SINCE THE CODEBOOK WAS PUBLISHED, MONOGRAPHS 1-6, 10, 27 AND 39 HAVE BEEN FURTHER EDITED, REDUNDANCY REMOVED AND GATHERED TOGETHER UNDER THE TITLE OF: PROJECT THEORY: INTERPRETATIONS AND POLICY RELEVANCE. THIS COLECTION MAY BE FOUND IN FILE 8. SINCE IT IS UPDATED, IT IS RECOMENDED THAT THIS FILE BE USED INSTEAD OF THE ORIGINAL MATERIALS IN THE APPROPRIATE CASES. IN THE CASE OF THE OTHER FILES, THEY RETAIN THE ORIGINAL BUILT-IN REDUNDANCY.

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NOTE: ALL MONOGRAPHS ON TAPE ARE SET UP TO PRINT ON A UNIVAC DOCUMENT PROCESSOR. SPECIAL PROGRAMS TO ASSIST IN PRINTING ON A DECWRITER II FOR UPPER AND LOWER CASE, DOUBLE SPACE, LENGTH ADJUSTED FOR THE DECWRITER AND WITH FOOTNOTE CAPABILITY, ARE CONTAINED IN MONOGRAPH 26. TABLES OR FIGURES THAT GO BEYOND 80 COLUMNS MAY BE FOLDED IF THE DOCUMENT PROCESSOR IS USED. IF THIS IS UNDESIRABLE, THEY CAN BE PRINTED BY OTHER STANDARD PRINT COMMANDS, SUCH AS AN EDITOR PROGRAM, WHICH CAN PRINT, WITHOUT FOLDING, TO 132 COLUMNS. ALSO, DOCUMENT COMMANDS ARE INVISIBLE IN THE COPY ONLY IF THE DOCUMENT PROCESSOR IS USED. IF OTHER PRINT COMMANDS ARE USED, THE DOCUMENT COMMANDS WILL BE VISIBLE, I.E., WILL APPEAR AS >DOUBLE>, >SPACE>, ETC. AND ARE LEFT JUSTIFIED. IF THEY ARE NOT NEEDED, THEY CAN BE IGNORED OR EDITED OUT. ALL MONOGRAPHS ARE IN MIXED UPPER AND LOWER CASE, EXCEPT MONOGRAPHS 19 AND 26, WHICH ARE IN UPPER CASE ONLY.

Attributes and National Behavior:

Modern International Relations Monograph Series

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PATTERNS OF COOPERATION: RELATIVE STATUS-FIELD THEORY, TI ACTORS

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THE ANALYSIS THAT FOLLOWS IS A COMPONENT OF A LARGER RESEARCH EFFORT THE PURPOSE OF WHICH IS TO TEST ATTRIBUTE THEORY (RUMMEL, 1969A), SOCIAL FIELD THEORY (RUMMEL, 1969A), DISTANCE THEORY (VINCENT, 1975), AND RELATIVE STATUS-FIELD THEORY, TREATING RELATIVE T = TOPDOG AND U = UNDERDOG BEHAVIOR IN THE INTERNATIONAL SYSTEM (VINCENT, 1976). ALL THEORIES ARE TESTED ON THE SAME, 1966-69, WEIS (AGGREGATED) DATA.

FULL TECHNICAL TREATMENT OF THE THEORIES AND METHODS IS GIVEN ELSEWHERE AND WILL NOT BE REPEATED HERE. THAT IS, DETAILS, SUCH AS THE CONSTRUCTION OF A-SPACE (ATIRIBUTE SPACE) OR D-SPACE (DISTANCE SPACE), ETC. CAN BE OBTAINED FROM THE RELEVANT BIBLIGRAPHIC ENTRIES. ELABORATE TECHNICAL DISCUSIONS, HOWEVER, ARE NOT REALLY NECESSARY TO UNDERSTAND OR USE THE RESULTS GENERATED HERE. IT SHOULD BE CLEAR, HOWEVER, THAT ALL OF THE INDEPENDENT VARIABLES TREATED, SUCH AS ECONOMIC DEVELOPMENT, ARE >FACTORS>, THAT IS, COMPOSITE INDEXES GENERATED OUT OF A NUMBER OF RELATED VARIABLES, USING THE TECHNIQUE OF FACTOR ANALYSIS.

WHEN THE THEORIES ARE APPLIED, EACH NATION RECIEVES A NEGATIVE OR POSITIVE PARAMETER WEIGHT ON EACH PREDICTIVE FACTOR, SUCH AS ECONOMIC DEVELOPMENT, WHICH INDICATES THE KIND OF BEHAVIORAL EXPORTATION ENGAGED IN BY THAT STATE RELATIVE TO OTHER STATES.

THE ANALYSIS PRESENTED HERE INDICATES THE RESULTS THAT OCCUR WHEN + TYPE NATION EXPORTERS ARE COMPARED TO - TYPE NATION EXPORTERS IN TERMS OF SIMILARITY OF MODEL AND ATTRIBUTE TYPE.

THIS WILL BE ACCOMPLISHED BY TWO MODES OF ANALYSIS.

THE FIRST MODE WILL BE TO PERFORM A FACTOR ANALYSIS ON THE WEIGHTS OF THE NATIONS ACROSS THE PREDICTOR DIMENSIONS. THE SECOND WILL BE TO CORRELATE THE FACTOR SCORES OF A-SPACE WITH THE FACTOR SCORES GENERATED FROM THE ANALYSIS OF THE WEIGHTS.

THESE MODES OF ANALYSIS WILL SHOW HOW CONFLICT EXPORT PATTERNS CLUSTER, HOW NATIONS ARE, IN FACT, LOCATED ON SUCH CLUSTERS AND REVEAL CHARACTERISTICS OF + VS. - WEIGHT NATIONS.

THE RESULTS FOLLOW:

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RELATIVE STATUS-FIELD THEORY, TT, COOPERATION

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 1

17 MANY ELECTIONS,ABOVE
-.52
15 HIGH PER CAPITA INTERNAL SECURITY FORCE,ABOVE
-.69
02 POWER BASE,CLOSE BELOW
-.83

THESE I'S ARE:

VARIABLE NUMBER 1

103 U.S.S.R
1.72
29 DENMARK
1.44
106 UNITED STATES
1.43
53 ITALY
1.42

105 UNITED KINGDOM
1.40
56 JAPAN
1.34
83 POLAND
1.21
37 EAST GERMANY
1.13
35 FRANCE
.97
25 CUBA
.84
3 ALGERIA
.84
85 ROMANIA
.76
94 SWEDEN
.76
113 YUGOSLAVIA
.74
58 NORTH KOREA
.68
38 WEST GERMANY
.63
40 GREECE
.39

7 BELGIUM

.34

4 ARGENTINA

.13

THEY TEND TO HAVE THE CHARACTERISTICS OF:

02. LARGE POWER BASE

05. SMALL POPULATION GROWTH RATE

11. MANY MILITARY PERSONNEL

16. HIGH ENERGY PRODUCTION

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 1

17 MANY ELECTIONS,BELOW

-.52

15 HIGH PER CAPITA INTERNAL SECURITY FORCE,BELOW

-.69

02 POWER BASE,FAR BELOW

-.83

THESE I'S ARE:

72 NETHERLANDS

-.02

92 SPAIN

-.06

126 MALAYSIA

-.11

15 CANADA

-.12

19 CHILE

-.18

81 PERU

-.21

50 IRAQ

-.30

61 LEBANON

-.34

95 SWITZERLAND

-.43

109 VENEZUELA

-.45

87 SAUDI ARABIA

-.50

108 URUGUAY

-.55

96 SYRIA

-.58

27 CZECHOSLOVAKIA

-.61

104 U.A.R.

-.63

10 BULGARIA

-.66

63 LIBYA

-.72

91 SOUTH AFRICA

-.79

84 PORTUGAL

-.85

52 ISRAEL

-1.13

6 AUSTRIA

-1.21

5 AUSTRALIA

-1.41

39 GHANA

-1.54

73 NEW ZEALAND

-2.25

41 GUATEMALA

-2.53

THEY TEND TO HAVE THE CHARACTERISTICS OF:

02. SMALL POWER BASE

05. HIGH POPULATION GROWTH RATE

11. FEW MILITARY PERSONNEL

16. LOW ENERGY PRODUTION

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 2

12 LARGE GNP GROWTH RATE,BELOW
.84

14 HIGH PER CAPITA SCHOOL ENROLLMENT,BELOW
.59

20 LOW CRUDE DEATH RATE,ABOVE
-.70

09 LITTLE DOMESTIC VIOLENCE,ABOVE
-.74

THESE I'S ARE:

VARIABLE NUMBER 2

95 SWITZERLAND
1.94

58 NORTH KOREA
1.88

10 BULGARIA

1.67

25 CUBA

1.58

3 ALGERIA

1.49

27 CZECHOSLOVAKIA

1.11

94 SWEDEN

.98

87 SAUDI ARABIA

.94

41 GUATEMALA

.84

37 EAST GERMANY

.84

83 POLAND

.81

91 SOUTH AFRICA

.80

73 NEW ZEALAND

.75

85 ROMANIA

.71

104 U.A.R.

.70

92 SPAIN

.43

5 AUSTRALIA

.41

29 DENMARK

.23

103 U.S.S.R

.18

56 JAPAN

.00

THEY TEND TO HAVE THE CHARACTERISTICS OF:

4. NON-COMPETITIVE POLITICAL SYSTEMS
9. LITTLE DOMESTIC VIOLENCE

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 2

12 LARGE GNP GROWTH RATE,ABOVE

.84

14 HIGH PER CAPITA SCHOOL ENROLLMENT,ABOVE

.59

20 LOW CRUDE DEATH RATE,BELOW

-.70

09 LITTLE DOMESTIC VIOLENCE,BELOW

-.74

THESE I'S ARE:

106 UNITED STATES
-.01
109 VENEZUELA
-.09
84 PORTUGAL
-.12
4 ARGENTINA
-.14
113 YUGOSLAVIA
-.23
108 URUGUAY
-.25
19 CHILE
-.26
38 WEST GERMANY
-.28
6 AUSTRIA
-.36
39 GHANA
-.45
81 PERU
-.52
35 FRANCE

-.69

126 MALAYSIA

-.70

40 GREECE

-.75

72 NETHERLANDS

-.77

50 IRAQ

-1.12

53 ITALY

-1.12

7 BELGIUM

-1.30

52 ISRAEL

-1.34

63 LIBYA

-1.35

105 UNITED KINGDOM

-1.40

61 LEBANON

-1.62

96 SYRIA

-1.63

15 CANADA

-1.81

THEY TEND TO HAVE THE CHARACTERISTICS OF:

4. COMPETITIVE POLITICAL SYSTEMS

9. MUCH DOMESTIC VIOLENCE

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 3

10 LARGE GNP GROWTH RATE AT FIXED PRICES,BELOW
.59

21 LITTLE ETHNO-LINGUISTIC FRACTIONALIZATION,ABOVE
-.85

07 SMALL CHRISTIAN COMMUNITY,ABOVE
-.87

THESE I'S ARE:

VARIABLE NUMBER 5

87 SAUDI ARABIA
1.90

104 U.A.R.
1.87

52 ISRAEL

1.32

96 SYRIA

1.21

61 LEBANON

1.19

63 LIBYA

1.05

103 U.S.S.R

1.01

38 WEST GERMANY

.88

50 IRAQ

.87

5 AUSTRALIA

.76

53 ITALY

.76

6 AUSTRIA

.75

73 NEW ZEALAND

.63

85 ROMANIA

.62

29 DENMARK

.49

35 FRANCE

.42

3 ALGERIA

.26

106 UNITED STATES

.26

105 UNITED KINGDOM

.22

83 POLAND

.21

113 YUGOSLAVIA

.16

56 JAPAN

.16

27 CZECHOSLOVAKIA

.07

25 CUBA

.04

91 SOUTH AFRICA

.02

92 SPAIN

.02

95 SWITZERLAND

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:

07. SMALL CHRISTIAN COMMUNITY

12. LARGE GNP GROWTH RATE

13. HIGH HEALTH EXPENDITURE AS % OF GNP

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

10 LARGE GNP GROWTH RATE AT FIXED PRICES,ABOVE
.59

21 LITTLE ETHNO-LINGUISTIC FRACTIONALIZATION,BELOW
-.85

07 SMALL CHRISTIAN COMMUNITY,BELOW
-.87

THESE I'S ARE:

40 GREECE
-.01

37 EAST GERMANY
-.33

10 BULGARIA
-.42

39 GHANA
-.42

41 GUATEMALA
-.52

58 NORTH KOREA
-.54
15 CANADA
-.68
126 MALAYSIA
-.77
94 SWEDEN
-.84
84 PORTUGAL
-.87
108 URUGUAY
-.95
72 NETHERLANDS
-1.07
109 VENEZUELA
-1.17
4 ARGENTINA
-2.11
7 BELGIUM
-2.12
19 CHILE
-2.16
81 PERU
-2.20

THEY TEND TO HAVE THE CHARACTERISTICS OF:

07. LARGE CHRISTIAN COMMUNITY

12. SMALL GNP GROWTH RATE

13. SMALL HEALTH EXPENDITURE AS % OF GNP

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 4

03 POLITICAL INSTABILITY,BELOW
.79

16 HIGH ENERGY PRODUCTION,ABOVE
-.62

THESE I'S ARE:

VARIABLE NUMBER 4

39 GHANA
2.78

56 JAPAN
1.86

6 AUSTRIA
1.67

106 UNITED STATES

.85

25 CUBA

.84

63 LIBYA

.82

52 ISRAEL

.81

108 URUGUAY

.77

3 ALGERIA

.77

61 LEBANON

.73

4 ARGENTINA

.65

35 FRANCE

.53

96 SYRIA

.52

109 VENEZUELA

.50

19 CHILE

.49

103 U.S.S.R

.45

85 ROMANIA

.45

91 SOUTH AFRICA

.37

83 POLAND

.32

94 SWEDEN

.19

27 CZECHOSLOVAKIA

.08

37 EAST GERMANY

.07

THEY TEND TO HAVE THE CHARACTERISTICS OF:

14. HIGH PER CAPITA SCHOOL ENROLLMENT

18. HIGH RATIO OF BLACK TO OFFICIAL EXCHANGE

19. MANY EXECUTIVE ADJUSTMENTS

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 4

03 POLITICAL INSTABILITY,ABOVE

.79

16 HIGH ENERGY PRODUCTION,BELOW

-.62

THESE I'S ARE:

58 NORTH KOREA
-.02
15 CANADA
-.08
10 BULGARIA
-.12
104 U.A.R.
-.18
95 SWITZERLAND
-.18
81 PERU
-.19
29 DENMARK
-.19
126 MALAYSIA
-.24
50 IRAQ
-.26
41 GUATEMALA
-.32
87 SAUDI ARABIA
-.33
105 UNITED KINGDOM

-.40

40 GREECE

-.67

113 YUGOSLAVIA

-.70

7 BELGIUM

-.74

5 AUSTRALIA

-1.25

84 PORTUGAL

-1.33

72 NETHERLANDS

-1.57

73 NEW ZEALAND

-1.60

58 WEST GERMANY

-1.65

53 ITALY

-2.19

92 SPAIN

-2.31

THEY TEND TO HAVE THE CHARACTERISTICS OF:

18. LOW PER CAPITA SCHOOL ENROLLMENT

18. LOW RATIO OF BLACK MARKET TO OFFICIAL EXCHANGE

19. FEW EXECUTIVE ADJUSTMENTS

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

17 MANY ELECTIONS,BELOW
.59
08 RECENT NATIONAL INDEPENDENCE,ABOVE
-.82

THESE I'S ARE:

VARIABLE NUMBER 5

73 NEW ZEALAND
2.39
126 MALAYSIA
2.26
7 BELGIUM
1.46
37 EAST GERMANY
1.41
5 AUSTRALIA
1.21
35 FRANCE

1.05

95 SWITZERLAND

1.01

59 GHANA

.85

105 UNITED KINGDOM

.78

10 BULGARIA

.75

84 PORTUGAL

.75

103 U.S.S.R

.71

15 CANADA

.70

106 UNITED STATES

.67

50 IRAQ

.56

94 SWEDEN

.46

113 YUGOSLAVIA

.41

83 POLAND

.40

56 JAPAN

.15

27 CZECHOSLOVAKIA

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:

01. HIGH ECONOMIC DEVELOPEMENT

08. RECENT NATIONAL INDEPENDENCE

15. LOW PER CAPITA INTERNAL SECURITY FORCE

22. OLD CURRENCY

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COUPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

17 MANY ELECTIONS,ABOVE

.59

08 RECENT NATIONAL INDEPENDENCE,BELOW

-.82

THESE I'S ARE:

63 LIBYA

-.02

25 CUBA

-.05

58 NORTH KOREA

-.05

61 LEBANON

-.07

96 SYRIA

-.08

52 ISRAEL

-.19

40 GREECE

-.32

109 VENEZUELA

-.40

85 ROMANIA

-.40

3 ALGERIA

-.41

92 SPAIN

-.50

104 U.A.R.

-.69

19 CHILE

-.88

6 AUSTRIA

-.91

29 DENMARK

-.98

87 SAUDI ARABIA

-.99

4 ARGENTINA

-1.09

81 PERU

-1.12

72 NETHERLANDS

-1.12

41 GUATEMALA

-1.19

38 WEST GERMANY

-1.52

53 ITALY

-1.53

108 URUGUAY

-1.63

91 SOUTH AFRICA

-1.82

THEY TEND TO HAVE THE CHARACTERISTICS OF:

01. LOW ECONOMIC DEVELOPEMENT

08. LONG NATIONAL INDEPENDENCE

15. HIGH PER CAPITA INTERNAL SECURITY FORCE

22. NEW CURRENCY

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH

COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 6

18 HIGH RATIO OF BLACK MARKET TO OFFICIAL EXCHANGE,BELOW
.73

01 ECONOMIC DEVELOPMENT,CLOSE BELOW
-.66

THESE I'S ARE:

VARIABLE NUMBER 6

92 SPAIN
2.19

81 PERU
2.06

85 ROMANIA
1.92

50 IRAQ
1.23

61 LEBANON
1.11

83 POLAND
.99

96 SYRIA

.94

52 ISRAEL

.85

113 YUGOSLAVIA

.77

4 ARGENTINA

.76

63 LIBYA

.70

27 CZECHOSLOVAKIA

.67

19 CHILE

.60

58 NORTH KOREA

.60

126 MALAYSIA

.58

95 SWITZERLAND

.48

41 GUATEMALA

.29

25 CUBA

.29

53 ITALY

.23

103 U.S.S.R

.20

37 EAST GERMANY

.16

35 FRANCE

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:

04. NON-COMPETITIVE POLITICAL SYSTEM

22. NEW CURRENCY

12. LARGE GNP GROWTH RATE

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 6

18 HIGH RATIO OF BLACK MARKET TO OFFICIAL EXCHANGE,ABOVE

.73

01 ECONOMIC DEVELOPMENT,FAR BELOW

-.66

THESE I'S ARE:

10 BULGARIA

-.06

94 SWEDEN

-.08

38 WEST GERMANY

-.14

104 U.A.R.

-.18

108 URUGUAY

-.24

73 NEW ZEALAND

-.25

84 PORTUGAL

-.35

109 VENEZUELA

-.43

56 JAPAN

-.49

106 UNITED STATES

-.58

15 CANADA

-.63

6 AUSTRIA

-.70

39 GHANA

-.74

87 SAUDI ARABIA

-.79

40 GREECE

-1.00

29 DENMARK

-1.07

7 BELGIUM

-1.08

3 ALGERIA

-1.48

5 AUSTRALIA

-1.57

105 UNITED KINGDOM

-1.69

91 SOUTH AFRICA

-1.96

72 NETHERLANDS

-2.12

THEY TEND TO HAVE THE CHARACTERISTICS OF:

04. COMPETITIVE POLITICAL SYSTEM

22. OLD CURRENCY

12. SMALL GNP GROWTH RATE

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 7

19 FEW EXECUTIVE ADJUSTMENTS,BELOW

.81

22 NEW CURRENCY,BELOW

.68

THESE I'S ARE:

VARIABLE NUMBER 7

113 YUGOSLAVIA

2.17

84 PORTUGAL

1.75

10 BULGARIA

1.50

27 CZECHOSLOVAKIA

1.42

41 GUATEMALA

1.23

91 SOUTH AFRICA

1.19

63 LIBYA

1.15

72 NETHERLANDS

1.05

94 SWEDEN

1.03

105 UNITED KINGDOM

.79

7 BELGIUM

.68

95 SWITZERLAND

.65

58 NORTH KOREA

.65

39 GHANA

.63

96 SYRIA

.54

52 ISRAEL

.39

61 LEBANON

.39

53 ITALY

.30

25 CUBA

.21

37 EAST GERMANY

.19

29 DENMARK

.07

85 ROMANIA

.06

50 IRAQ

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:

09. LITTLE DOMESTIC VIOLENCE

06. HIGH POPULATION DENSITY

21. MUCH ETHNO-LIGUISTIC FRACTIONALIZATION

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 7

19 FEW EXECUTIVE ADJUSTMENTS,ABOVE

.81

22 NEW CURRENCY,ABOVE

.68

THESE I'S ARE:

40 GREECE

-.16

103 U.S.S.R

-.21

126 MALAYSIA

-.34

106 UNITED STATES

-.36

92 SPAIN

-.38

108 URUGUAY

-.42

35 FRANCE

-.54

6 AUSTRIA

-.59

87 SAUDI ARABIA

-.60

109 VENEZUELA

-.61

104 U.A.R.

-.67

15 CANADA

-.69

56 JAPAN

-.72

83 POLAND

-.78

38 WEST GERMANY

-1.03

3 ALGERIA

-1.29

4 ARGENTINA

-1.38

19 CHILE

-1.42

81 PERU

-1.46

73 NEW ZEALAND

-2.13

5 AUSTRALIA

-2.25

THEY TEND TO HAVE THE CHARACTERISTICS OF:

09. MUCH DOMESTIC VIOLENCE

06. LOW POPULATION DENCITY

21. LITTLE ETHNO-LINGUISTIC FRACTIONALIZATION

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 8

04 NON-COMPETITIVE POLITICAL SYSTEM,BELOW

.78

THESE I'S ARE:

VARIABLE NUMBER 8

126 MALAYSIA
2.25
108 URUGUAY
1.66
109 VENEZUELA
1.55
73 NEW ZEALAND
1.48
113 YUGOSLAVIA
1.31
85 ROMANIA
1.12
58 NORTH KOREA
1.01
72 NETHERLANDS
.95
96 SYRIA
.82
41 GUATEMALA
.75
25 CUBA
.67
103 U.S.S.R
.67
84 PORTUGAL

.67

53 ITALY

.59

56 JAPAN

.53

4 ARGENTINA

.49

29 DENMARK

.47

105 UNITED KINGDOM

.36

61 LEBANON

.31

91 SOUTH AFRICA

.23

3 ALGERIA

.22

5 AUSTRALIA

.19

THEY TEND TO HAVE THE CHARACTERISTICS OF:

03. POLITICAL INSTABILITY

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 8

04 NON-COMPETITIVE POLITICAL SYSTEM, ABOVE

.78

THESE I'S ARE:

52 ISRAEL

-.01

87 SAUDI ARABIA

-.16

106 UNITED STATES

-.17

50 IRAQ

-.18

83 POLAND

-.23

37 EAST GERMANY

-.33

19 CHILE

-.41

63 LIBYA

-.41

104 U.A.R.

-.43

6 AUSTRIA

-.75

39 GHANA

-.85

94 SWEDEN

-.85

81 PERU

-.85

92 SPAIN

-.89

35 FRANCE

-.97

40 GREECE

-1.03

10 BULGARIA

-1.22

7 BELGIUM

-1.22

27 CZECHOSLOVAKIA

-1.61

95 SWITZERLAND

-1.67

38 WEST GERMANY

-1.98

15 CANADA

-2.03

THEY TEND TO HAVE THE CHARACTERISTICS OF:

03. LITTLE POLITICAL INSTABILITY

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 9

13 SMALL HEALTH EXPENDITURE AS PERCENT OF GNP,BELOW
.78

11 FEW MILITARY PERSONNEL PER CAPITA,ABOVE
-.74

THESE I'S ARE:

VARIABLE NUMBER 9

87 SAUDI ARABIA
3.04

104 U.A.R.
2.93

19 CHILE
1.34

7 BELGIUM
1.31

35 FRANCE

1.15

126 MALAYSIA

.95

113 YUGOSLAVIA

.91

105 UNITED KINGDOM

.88

81 PERU

.81

91 SOUTH AFRICA

.78

103 U.S.S.R

.78

59 GHANA

.62

4 ARGENTINA

.61

84 PORTUGAL

.61

109 VENEZUELA

.54

27 CZECHOSLOVAKIA

.08

THEY TEND TO HAVE THE CHARACTERISTICS OF:

01. LOW ECONOMIC DEVELOPMENT

08. SMALL CHRISTIAN COMMUNITY

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 9

13 SMALL HEALTH EXPENDITURE AS PERCENT OF GNP,ABOVE
.78

11 FEW MILITARY PERSONNEL PER CAPITA,BELOW
-.74

THESE I'S ARE:

95 SWITZERLAND
-.04

83 POLAND
-.05

63 LIBYA
-.16

92 SPAIN
-.19

50 IRAQ
-.25

56 JAPAN
-.32

25 CUBA

-.32

38 WEST GERMANY

-.37

3 ALGERIA

-.39

52 ISRAEL

-.40

72 NETHERLANDS

-.40

57 EAST GERMANY

-.40

94 SWEDEN

-.40

73 NEW ZEALAND

-.40

96 SYRIA

-.41

53 ITALY

-.55

61 LEBANON

-.58

41 GUATEMALA

-.61

29 DENMARK

-.64

85 ROMANIA

-.78

58 NORTH KOREA

-.99

10 BULGARIA

-1.01

106 UNITED STATES

-1.06

6 AUSTRIA

-1.12

15 CANADA

-1.28

108 URUGUAY

-1.34

40 GREECE

-1.41

5 AUSTRALIA

-1.45

THEY TOND TE HAVE CHARACTERISTICS OF:

01. HIGH ECONOMIC DEVELOPEMENT

08. LARGE CHRISTIAN COMMUNITY